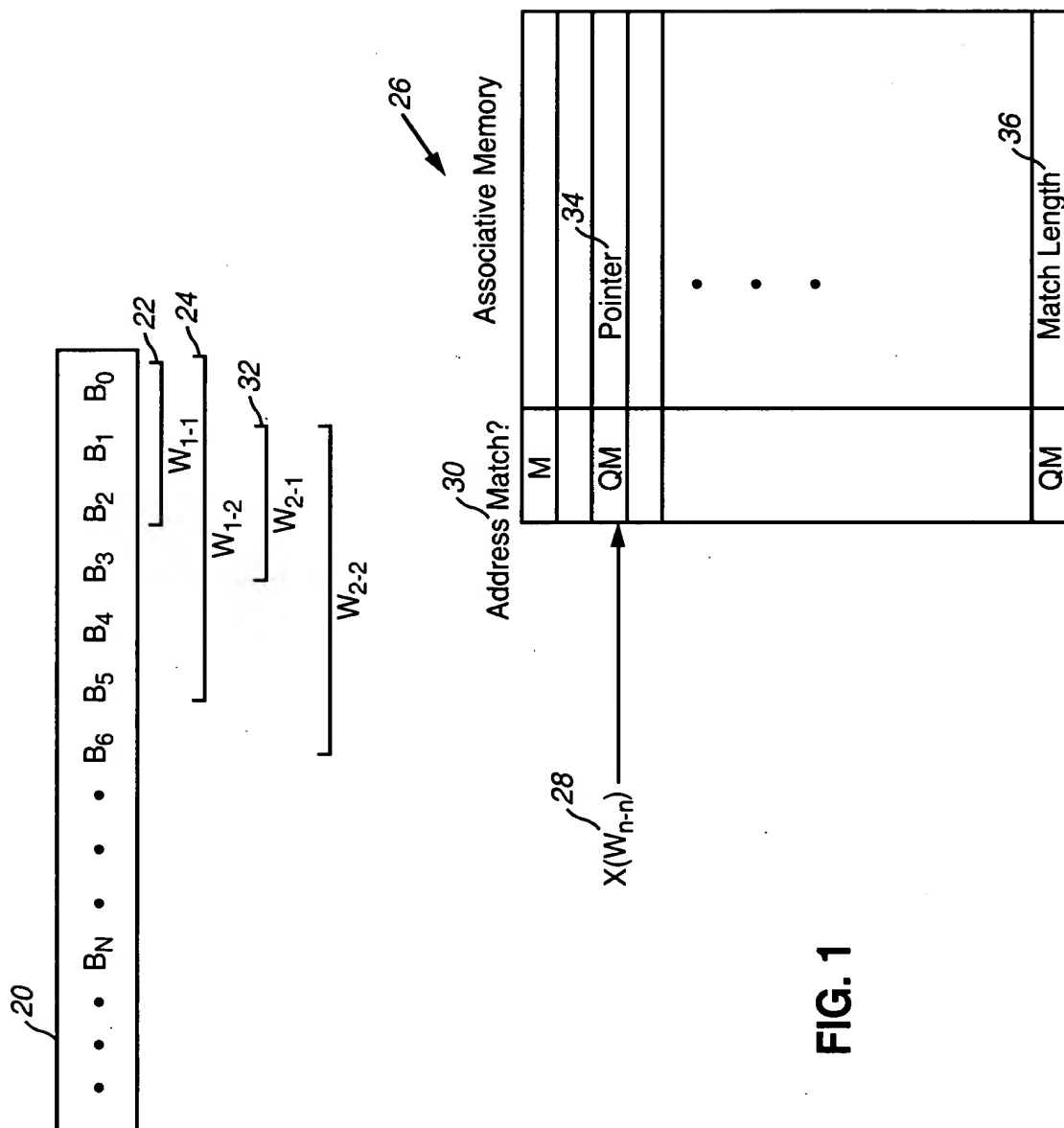


09973491 100901



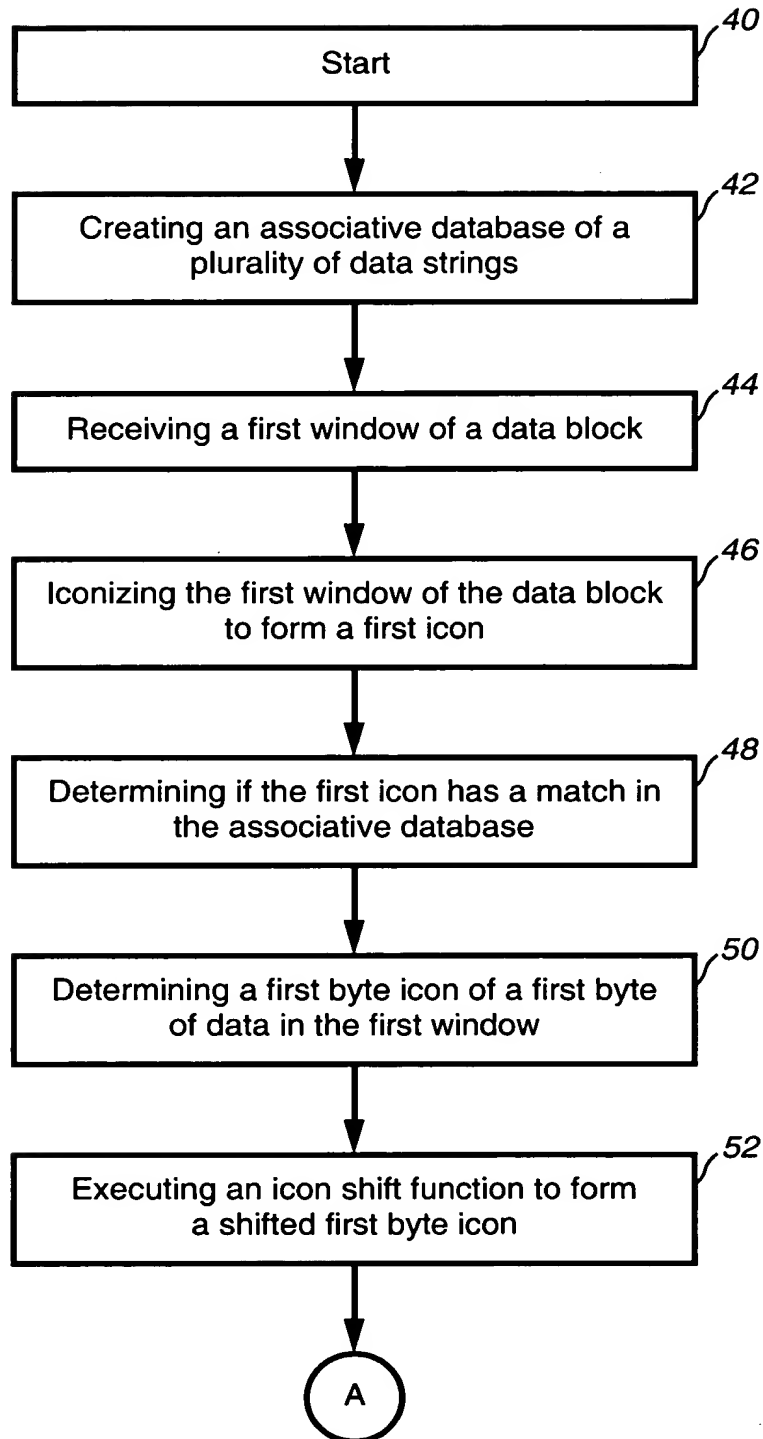


FIG. 2

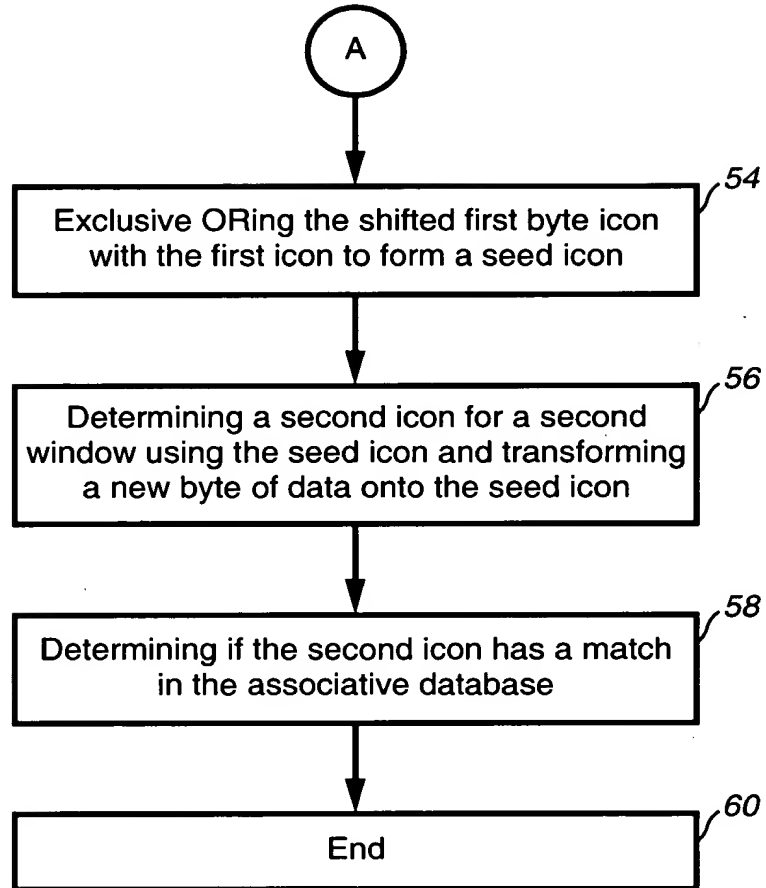


FIG. 3

FOUO " F64E/660

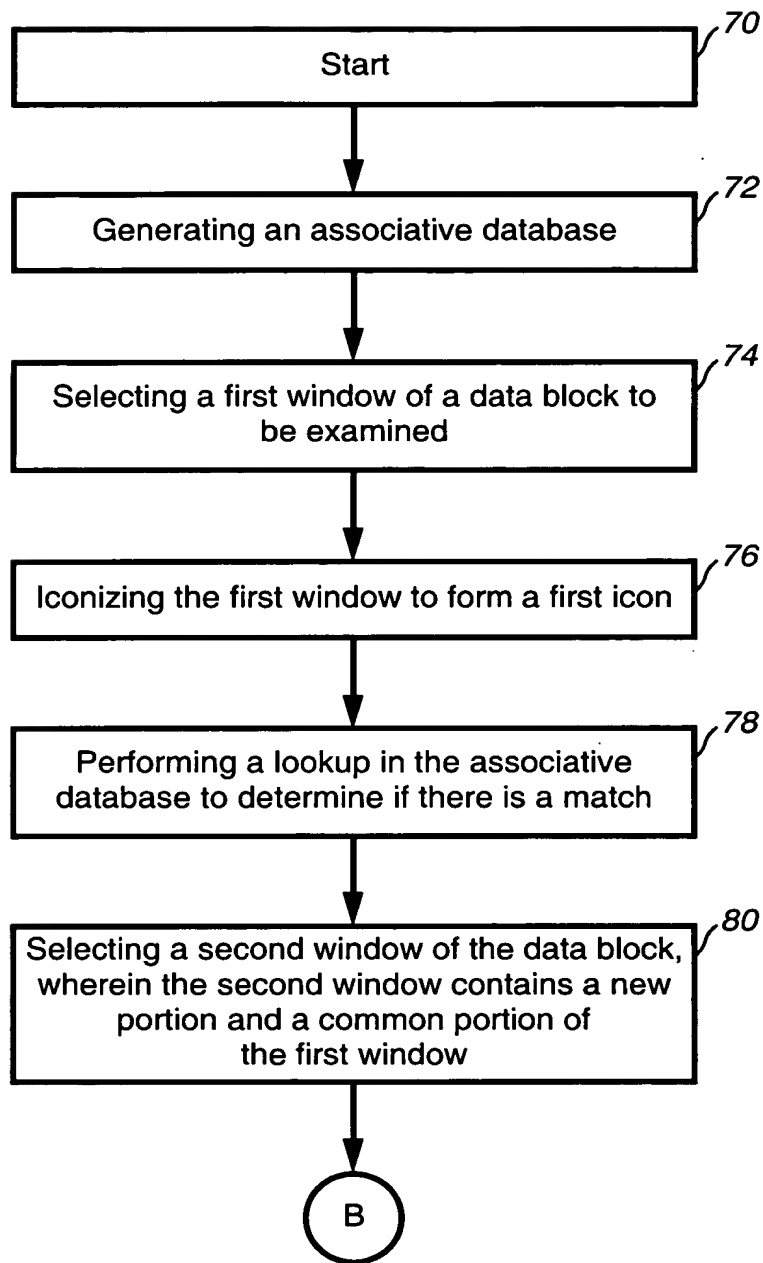


FIG. 4

09973491-10001

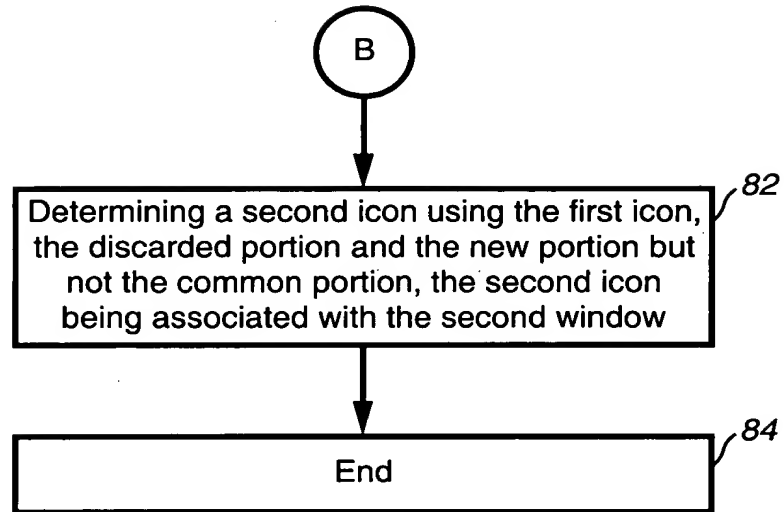


FIG. 5

09973491-1009001

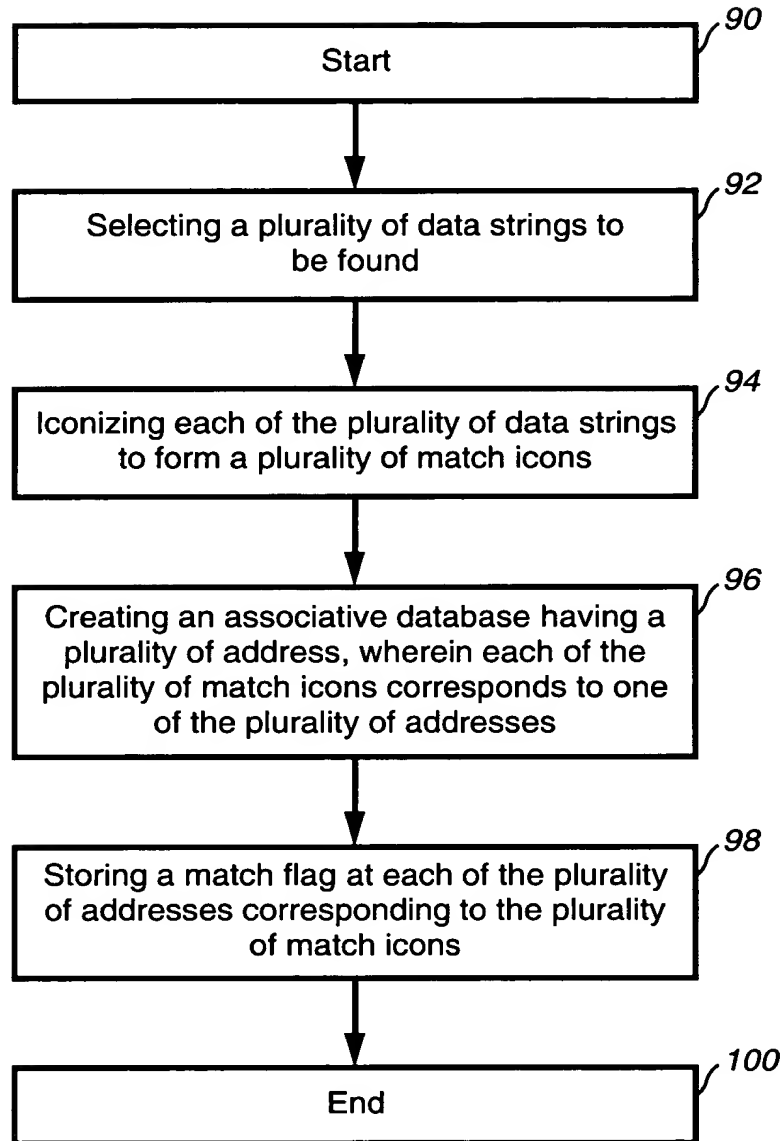
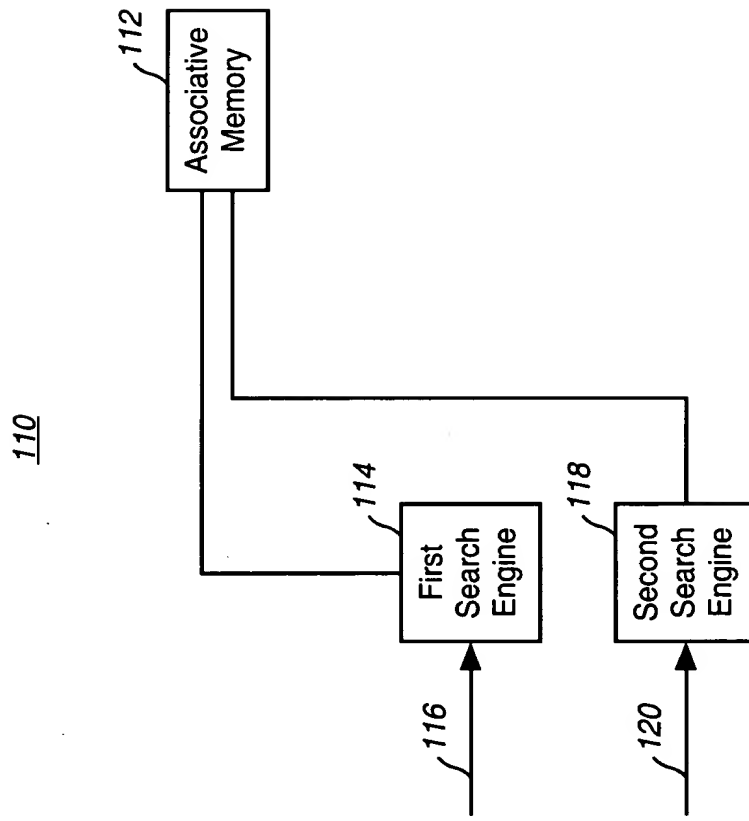


FIG. 6



**FIG. 7**

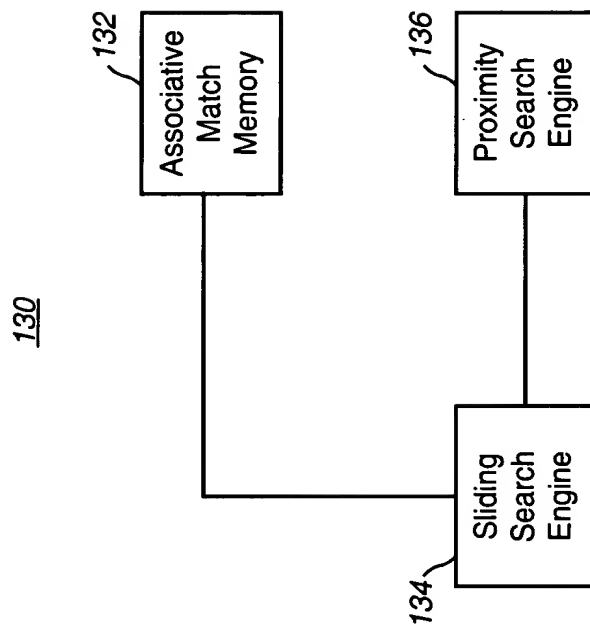


FIG. 8





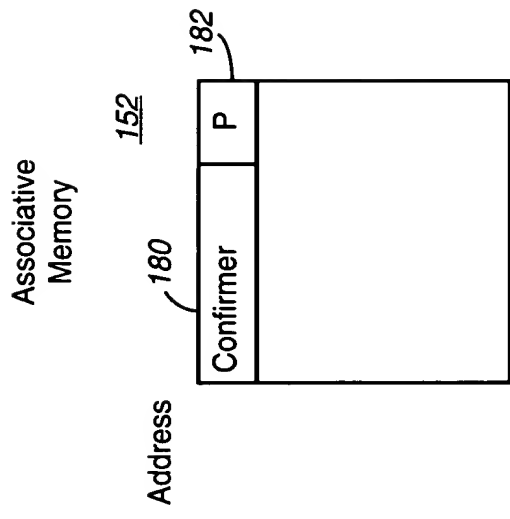


FIG. 10

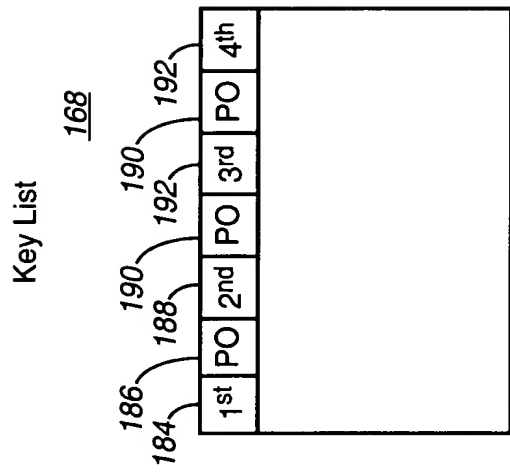


FIG. 11

Mapping Table

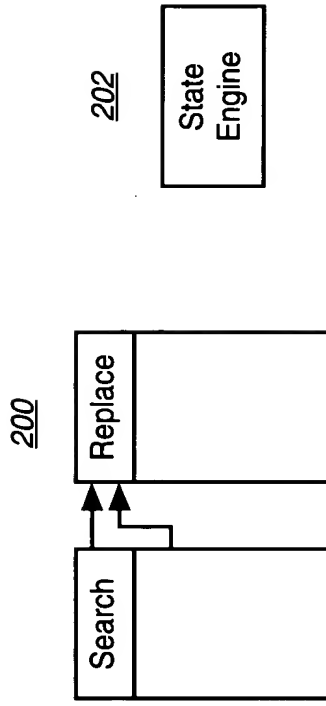


FIG. 12

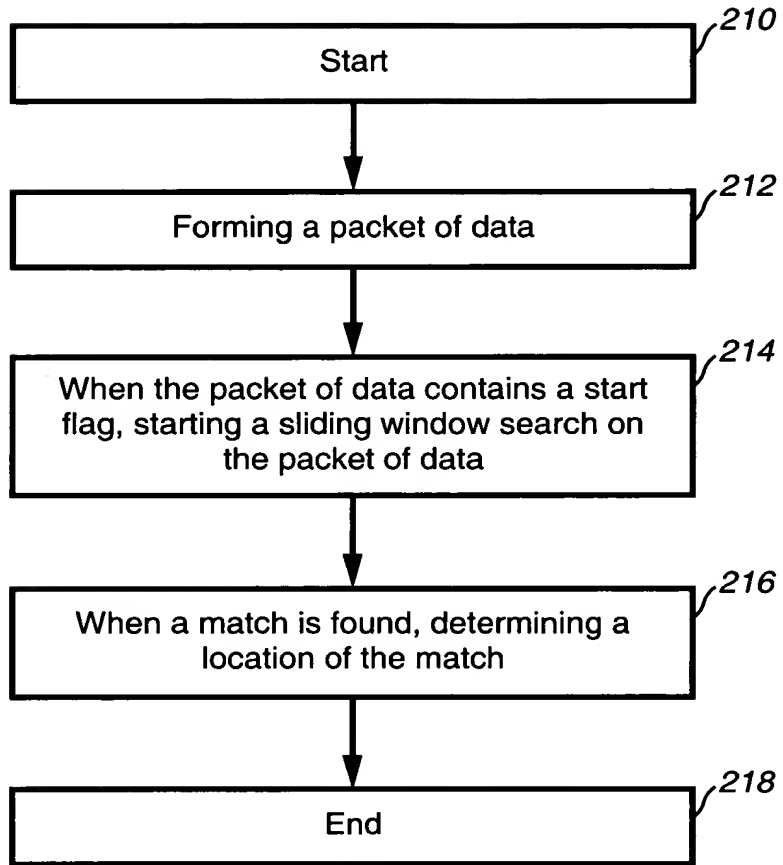


FIG. 13

09973491-100901

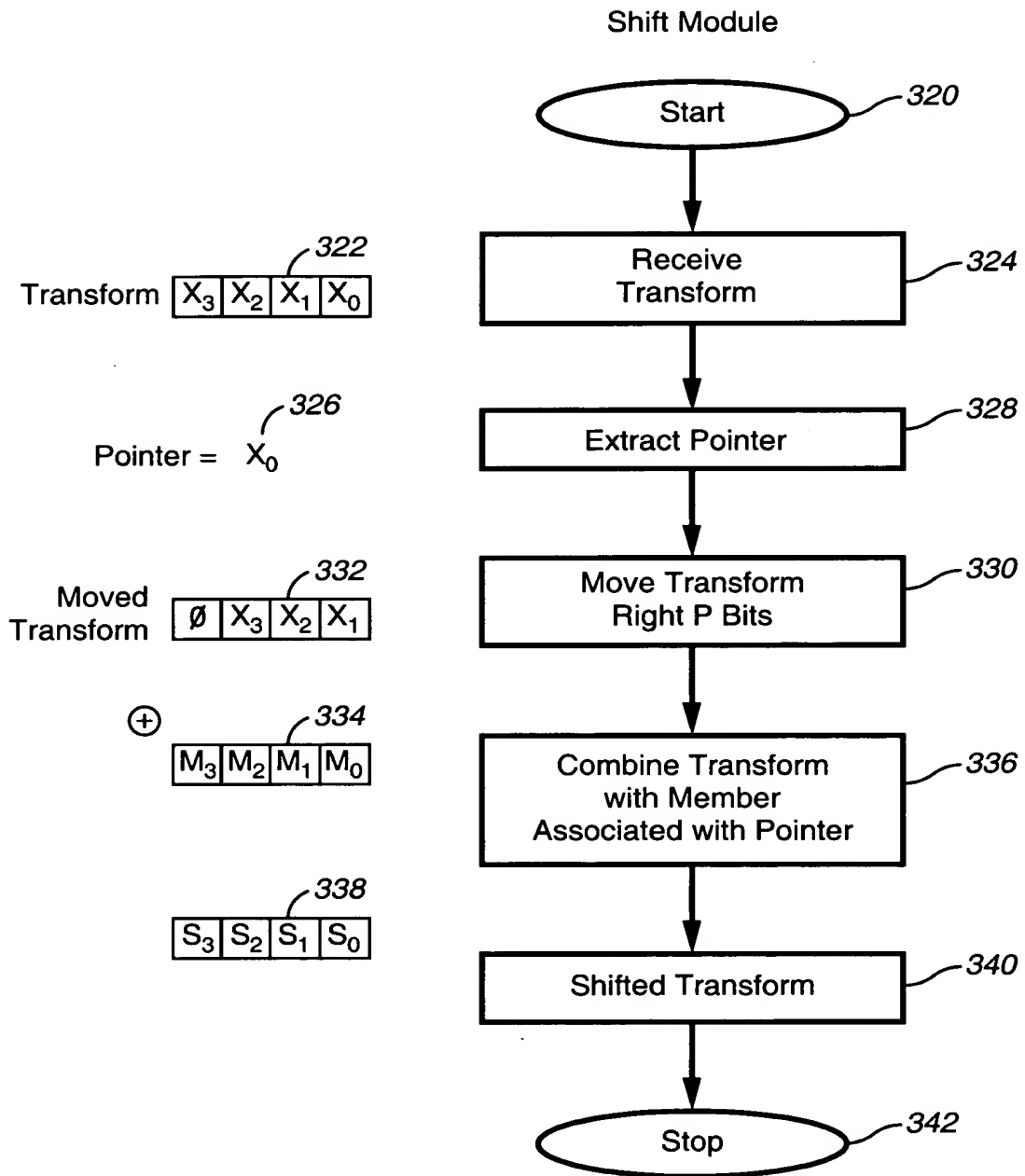


FIG. 14

0997491-100901-16452650

13/16

UNSHIFT Module

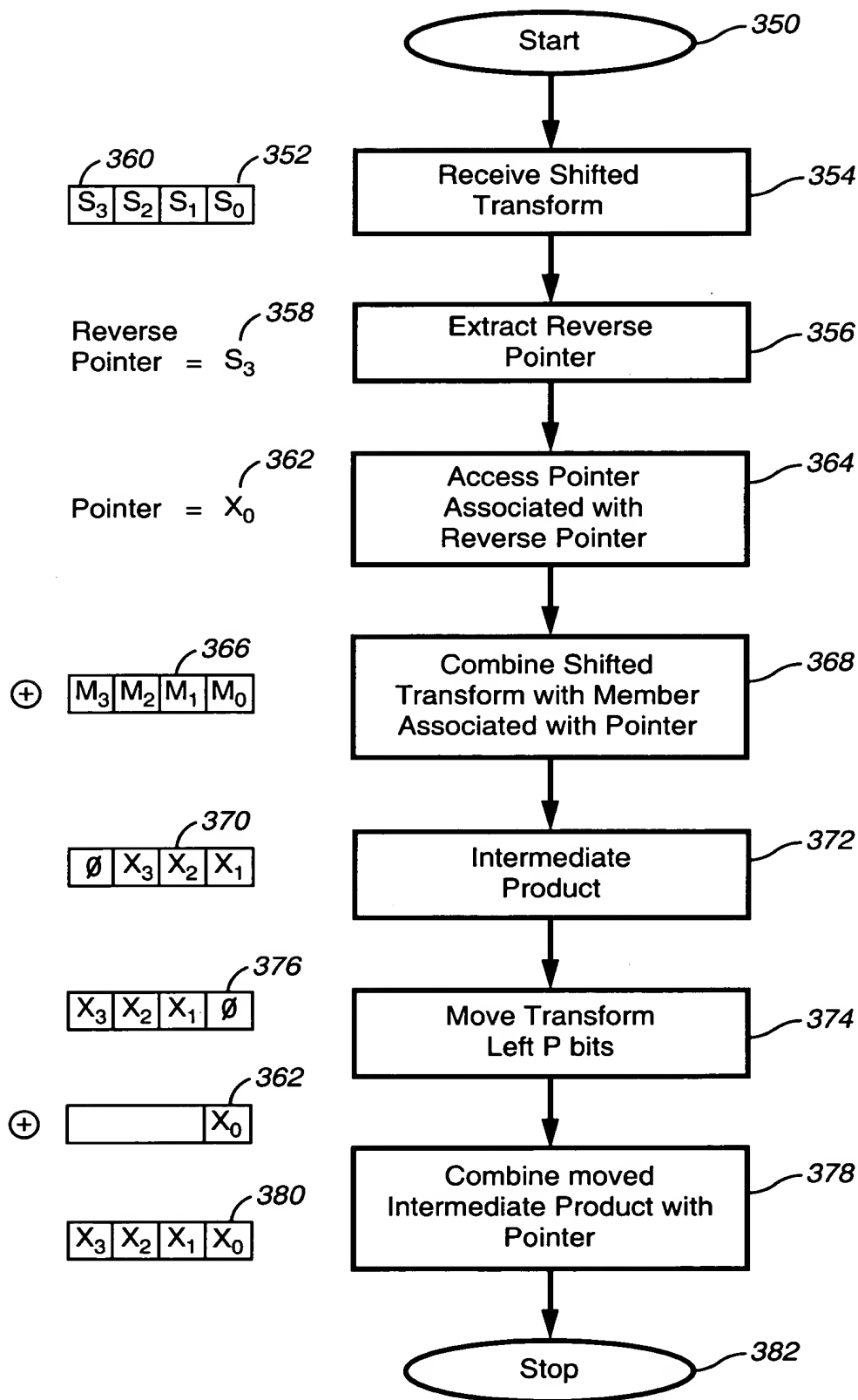


FIG. 15

09973491-1009901

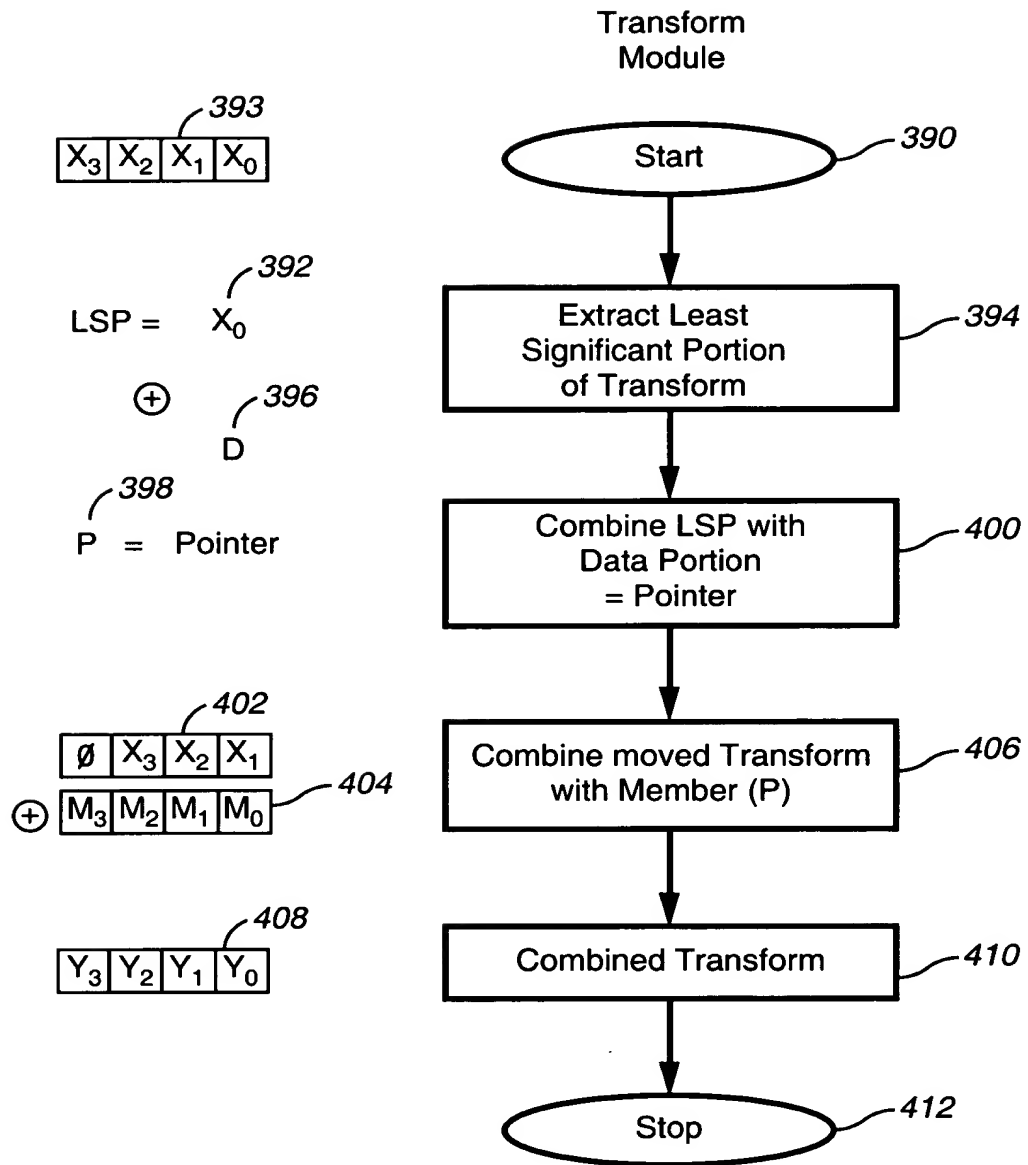


FIG. 16

FIG. 17

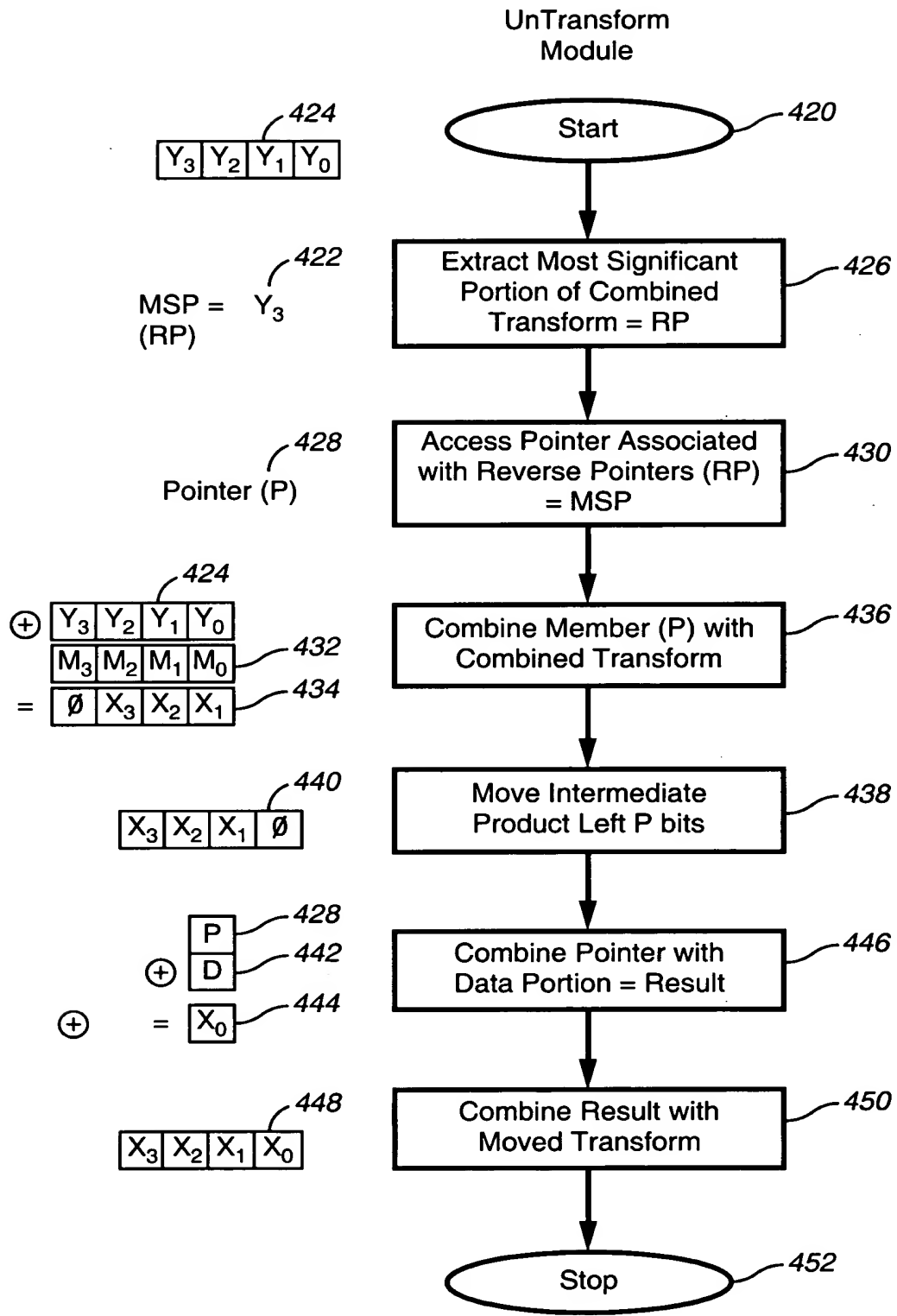


FIG. 17

## Transform Lookup Table:

00- 00000000 77073096 EE0E612C 990951BA 076DC419 706AF48F E963A535 9E6495A3  
 08- 0EDB8832 79DCB8A4 E0D5E91E 97D2D988 09B64C2B 7EB17CBD E7B82D07 90BF1D91  
 10- 1DB71064 6AB020F2 F3B97148 84BE41DE 1ADAD47D 6DDDE4EB F4D4B551 83D385C7  
 18- 136C9856 646BA8C0 FD62F97A 8A65C9EC 14015C4F 63066CD9 FA0F3D63 8D0B0DF5  
 20- 3B6E20C8 4C69105E D56041E4 A2677172 3C03E4D1 4B04D447 D20D85FD A50AB56B  
 28- 35B5A8FA 42B2986C DBBBC9D6 ACBCF940 32D86CE3 45DF5C75 DCD60DCF ABD13D59  
 30- 26D930AC 51DE003A C8D75180 BFDO6116 21B4F4B5 56B3C423 CFBA9599 B8BDA50F  
 38- 2802B89E 5F058808 C60CD9B2 B10BE924 2F6F7C87 58684C11 C1611DAB B6662D3D  
 40- 76DC4190 01DB7106 98D220BC EFD5102A 71B18589 06B6B51F 9FBFE4A5 E8B8D433  
 48- 7807C9A2 0F00F934 9609A88E E10E9818 7F6A0DBB 086D3D2D 91646C97 E6635C01  
 50- 6B6B51F4 1C6C6162 856530D8 F262004E 6C0695ED 1B01A57B 8208F4C1 F50FC457  
 58- 65B0D9C6 12B7E950 8BBEB8EA FCB9887C 62DD1DDF 15DA2D49 8CD37CF3 FBD44C65  
 60- 4DB26158 3AB551CE A3BC0074 D4BB30E2 4ADFA541 3DD895D7 A4D1C46D D3D6F4FB  
 68- 4369E96A 346ED9FC AD678846 DA60B8D0 44042D73 33031DE5 AA0A4C5F DD0D7CC9  
 70- 5005713C 270241AA BE0B1010 C90C2086 5768B525 206F85B3 B966D409 CE61E49F  
 78- 5EDEF90E 29D9C998 B0D09822 C7D7A8B4 59B33D17 2EB40D81 B7BD5C3B C0BA6CAD  
 80- EDB88320 9ABFB3B6 03B6E20C 74B1D29A EAD54739 9DD277AF 04DB2615 73DC1683  
 88- E3630B12 94643B84 0D6D6A3E 7A6A5AA8 E40ECF0B 9309FF9D 0A00AE27 7D079EB1  
 90- F00F9344 8708A3D2 1E01F268 6906C2FE F762575D 806567CB 196C3671 6E6B06E7  
 98- FED41B76 89D32BE0 10DA7A5A 67DD4ACC F9B9DF6F 8EBEEFF9 17B7BE43 60B08ED5  
 A0- D6D6A3E8 A1D1937E 38D8C2C4 4FDDFF252 D1BB67F1 A6BC5767 3FB506DD 48B2364B  
 A8- D80D2BDA AF0A1B4C 36034AF6 41047A60 DF60EFC3 A867DF55 316E8EEF 4669BE79  
 B0- CB61B38C BC66831A 256FD2A0 5268E236 CC0C7795 BB0B4703 220216B9 5505262F  
 B8- C5BA3BBE B2BD0B28 2BB45A92 5CB36A04 C2D7FFA7 B5D0CF31 2CD99E8B 5BDEAE1D  
 C0- 9B64C2B0 EC63F226 756AA39C 026D930A 9C0906A9 EBOE363F 72076785 05005713  
 C8- 95BF4A82 E2B87A14 7BB12BAE OCB61B38 92D28E9B E5D5BE0D 7CDCEFB7 0BDBDF21  
 D0- 86D3D2D4 F1D4E242 68DDB3F8 1FDA836E 81BE16CD F6B9265B 6FB077E1 18B74777  
 D8- 88085AE6 FFOF6A70 66063BCA 11010B5C 8F659EFF F862AE69 6168FFD3 166CCF45  
 E0- A00AE278 D70DD2EE 4E048354 3903B3C2 A7672661 D06016F7 4969474D 3E6E77DB  
 E8- AED16A4A D9D65ADC 40DF0B66 37D83BF0 A9BCAE53 DEBB9EC5 47B2CF7F 30B5FFE9  
 F0- BDB0F21C CABAC28A 53B39330 24B4A3A6 BAD03605 CDD70693 54DE5729 23D967BF  
 F8- B3667A2E C4614AB8 5D681B02 2A6F2B94 B40BBE37 C30C8EA1 5A05DF1B 2D02EF8D

FIG. 18

## Transform Translation Table:

00- 00 41 C3 82 86 C7 45 04 4D 0C 8E CF CB 8A 08 49  
 10- 9A DB 59 18 1C 5D DF 9E D7 96 14 55 51 10 92 D3  
 20- 75 34 B6 F7 F3 B2 30 71 38 79 FB BA BE FF 7D 3C  
 30- EF AE 2C 6D 69 28 AA EB A2 E3 61 20 24 65 E7 A6  
 40- EA AB 29 68 6C 2D AF EE A7 E6 64 25 21 60 E2 A3  
 50- 70 31 B3 F2 F6 B7 35 74 3D 7C FE BF BB FA 78 39  
 60- 9F DE 5C 1D 19 58 DA 9B D2 93 11 50 54 15 97 D6  
 70- 05 44 C6 87 83 C2 40 01 48 09 8B CA CE 8F 0D 4C  
 80- 95 DA 56 17 13 52 D0 91 D8 99 1B 5A 5E 1F 9D DC  
 90- 0F 4E CC 8D 89 C8 4A 0B 42 03 81 C0 C4 85 07 46  
 A0- E0 A1 23 62 66 27 A5 E4 AD EC 6E 2F 2B 6A E8 A9  
 B0- 7A 3B B9 F8 FC ED 3F 7E 37 76 F4 B5 B1 F0 72 33  
 C0- 7F 3E BC FD F9 B8 3A 7B 32 73 F1 B0 B4 F5 77 36  
 D0- E5 A4 26 67 63 22 A0 E1 A8 E9 6B 2A 2E 6F ED AC  
 E0- 0A 4B C9 88 8C CD 4F 0E 47 06 84 C5 C1 80 02 43  
 F0- 90 D1 53 12 16 57 D5 94 DD 9C 1E 5F 5B 1A 98 D9

FIG. 19